



SEQUENCE LISTING

<110> Schmidt, Alexander C.  
Skiadopoulos, Mario S.  
Collins, Peter L.  
Murphy, Brian R.  
Bailly, Jane E.  
Durbin, Anna P.

<120> ATTENUATED HUMAN-BOVINE CHIMERIC PARAINFLUENZA VIRUS  
(PIV) VACCINES

<130> 15280-399-1US

<140> 09/586,479

<141> 2000-06-01

<150> 60/143,134

<151> 1999-07-09

<160> 31

<170> PatentIn Ver. 2.1

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flanking sites of sequence polymorphism in BPIV3  
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flanking site for introduction of Sgr A1 site for  
rBPIV3 Ka

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TECH CENTER 1600/2900

MAR 16 2001

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flanking N gene start codon

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<212> DNA

<213> Bovine Parainfluenza Virus 3 (Ka strain)

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